



CHEMICON International, Inc. 28835 Single Oak Drive • Temecula, CA 92590

Phone: 909-676-8080 • 800-437-7500 • Fax: 909-676-9209

custserv@chemicon.com • techserv@chemicon.com • www.chemicon.com

MOUSE ANTI-HUMAN CATHEPSIN-D MONOCLONAL ANTIBODY

- CATALOG NUMBER:** MAB422
- LOT NUMBER:** 18111630
- QUANTITY:** 500 μ L
- SPECIFICITY:** Human Cathepsin-D. Fine granular cytoplasmic staining is seen in macrophages and tumor cells reflecting the lysosomal location of the protein. Thus stained cells will often be inconspicuous at low power when only a light staining effect may be seen; medium and high power reveal the lysosomal staining.
- IMMUNOGEN:** Cathepsin-D purified from human spleen.
- ISOTYPE:** IgG_{2b}
- APPLICATIONS:** Immunohistochemistry
Typical working dilution 1:100-1:200 using standard ABC technique, 60 minutes incubation at 25°C.
Effective on paraffin-embedded and fresh frozen tissue. Trypsinisation may be required.
- POSITIVE CONTROL:** Many tissues, e.g. most breast carcinomas, have a "built-in" control in the form of tissue macrophages. Alternatively human liver can be used as a control.
- FORMAT:** Culture supernatant.
- PRESENTATION:** Liquid containing 15 mM sodium azide.
- STORAGE/HANDLING:** Maintain at -20°C in convenient aliquots for up to 12 months. Avoid repeated freeze/thaw cycles.
- REFERENCES:**
1. *Cancer* (1990). **65**:265-271.
 2. *Cell* (1980). **20**:353-362.

For research use only; not for use as a diagnostic.